Express Mail Label
No. EK708046064US

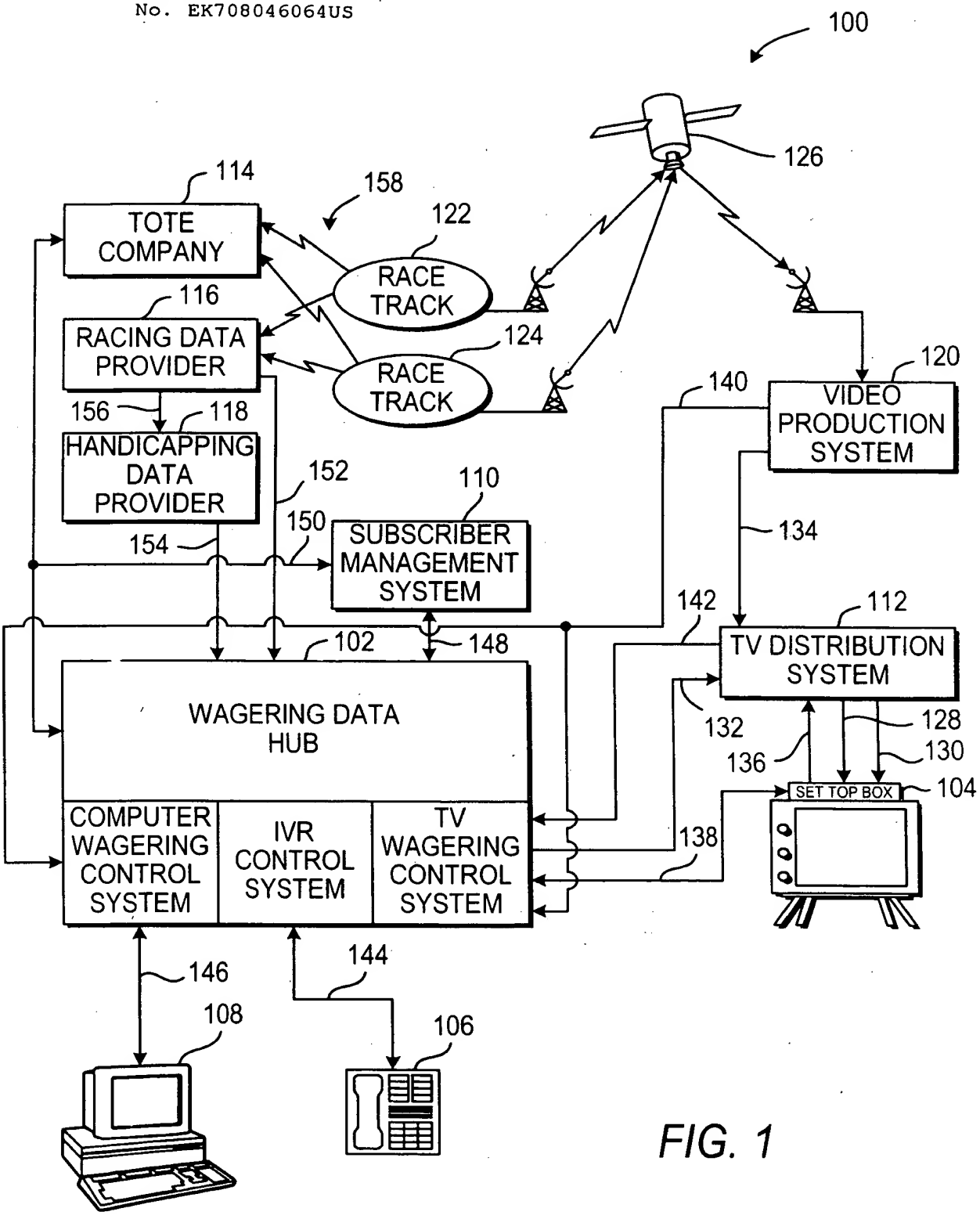

FIG. 1

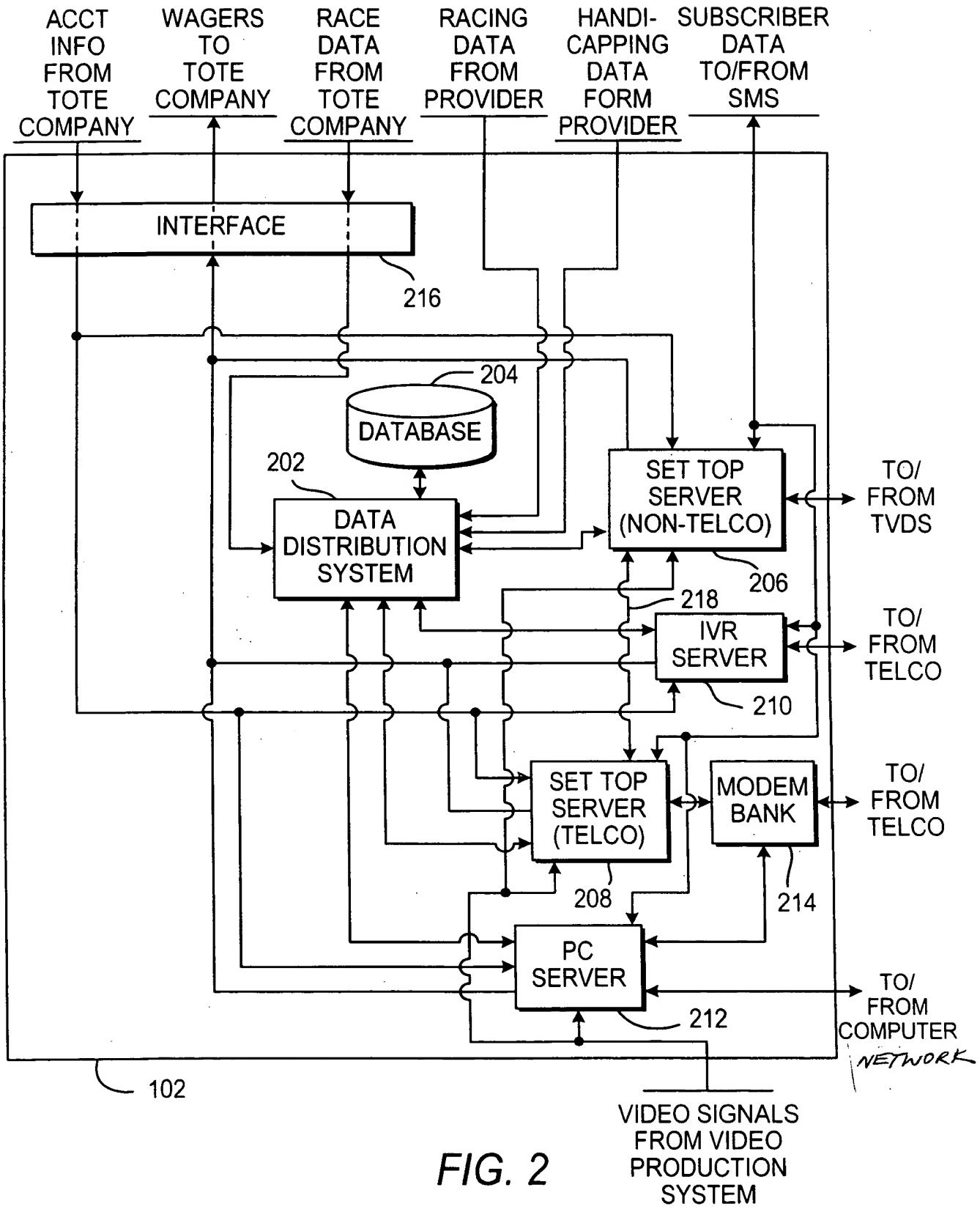
ACCT INFO FROM TOTE COMPANY
WAGERS TO TOTE COMPANY
RACE DATA FROM TOTE COMPANY
RACING DATA FROM PROVIDER
HANDI-CAPPING DATA FORM PROVIDER
SUBSCRIBER DATA TO/FROM SMS
INTERFACE
216
204
DATABASE
202
DATA DISTRIBUTION SYSTEM
SET TOP SERVER (NON-TELCO)
206
TO/ FROM TVDS
218
IVR SERVER
210
TO/ FROM TELCO
SET TOP SERVER (TELCO)
208
MODEM BANK
214
TO/ FROM TELCO
PC SERVER
212
TO/ FROM COMPUTER NETWORK
102
VIDEO SIGNALS FROM VIDEO PRODUCTION SYSTEM

FIG. 2

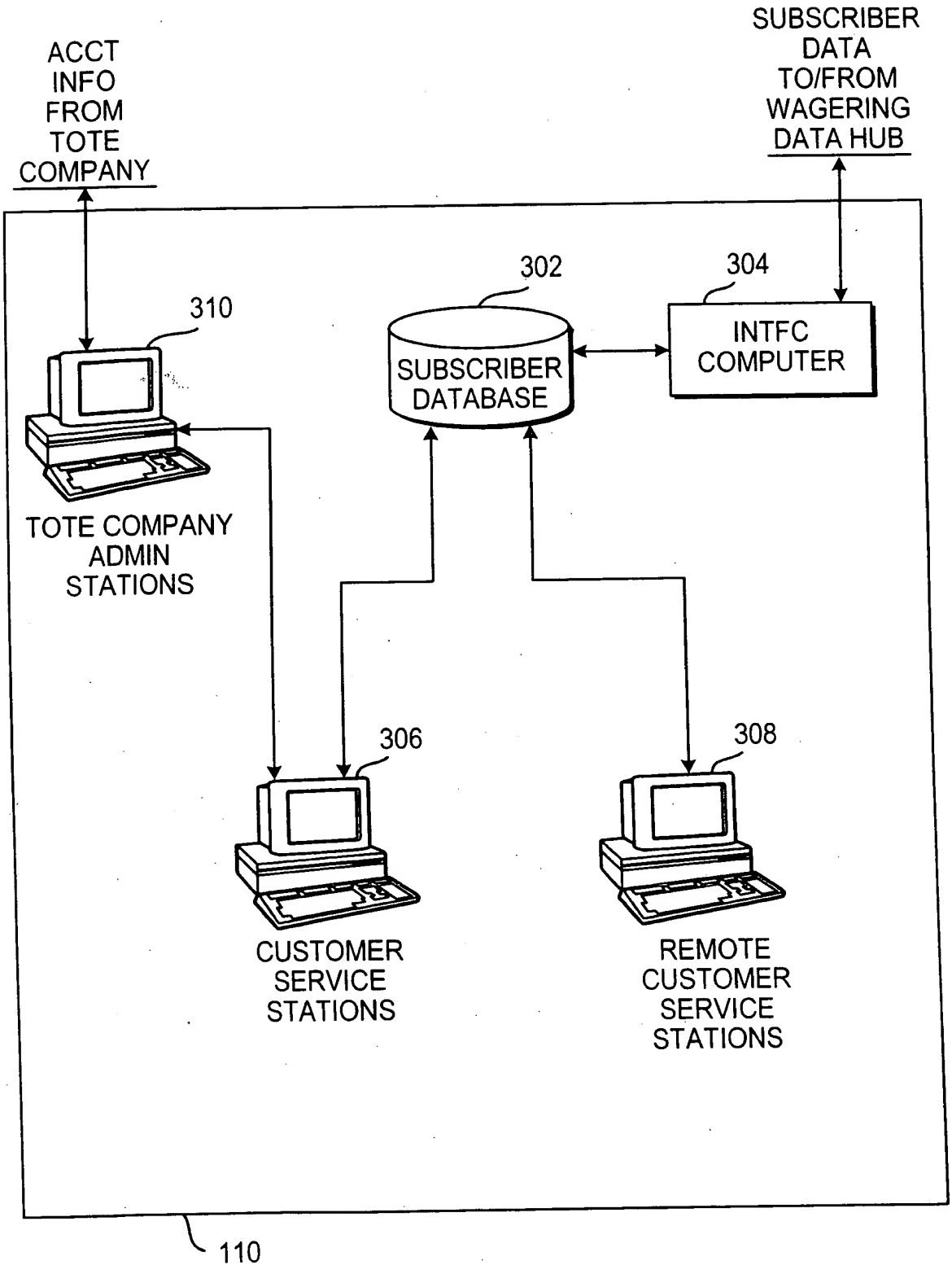
ACCT INFO FROM TOTE COMPANY
SUBSCRIBER DATA TO/FROM WAGERING DATA HUB
302
304
310
SUBSCRIBER DATABASE
INTFC COMPUTER
TOTE COMPANY ADMIN STATIONS
306
308
CUSTOMER SERVICE STATIONS
REMOTE CUSTOMER SERVICE STATIONS
110

FIG. 3A

TOSHIBA 6052360

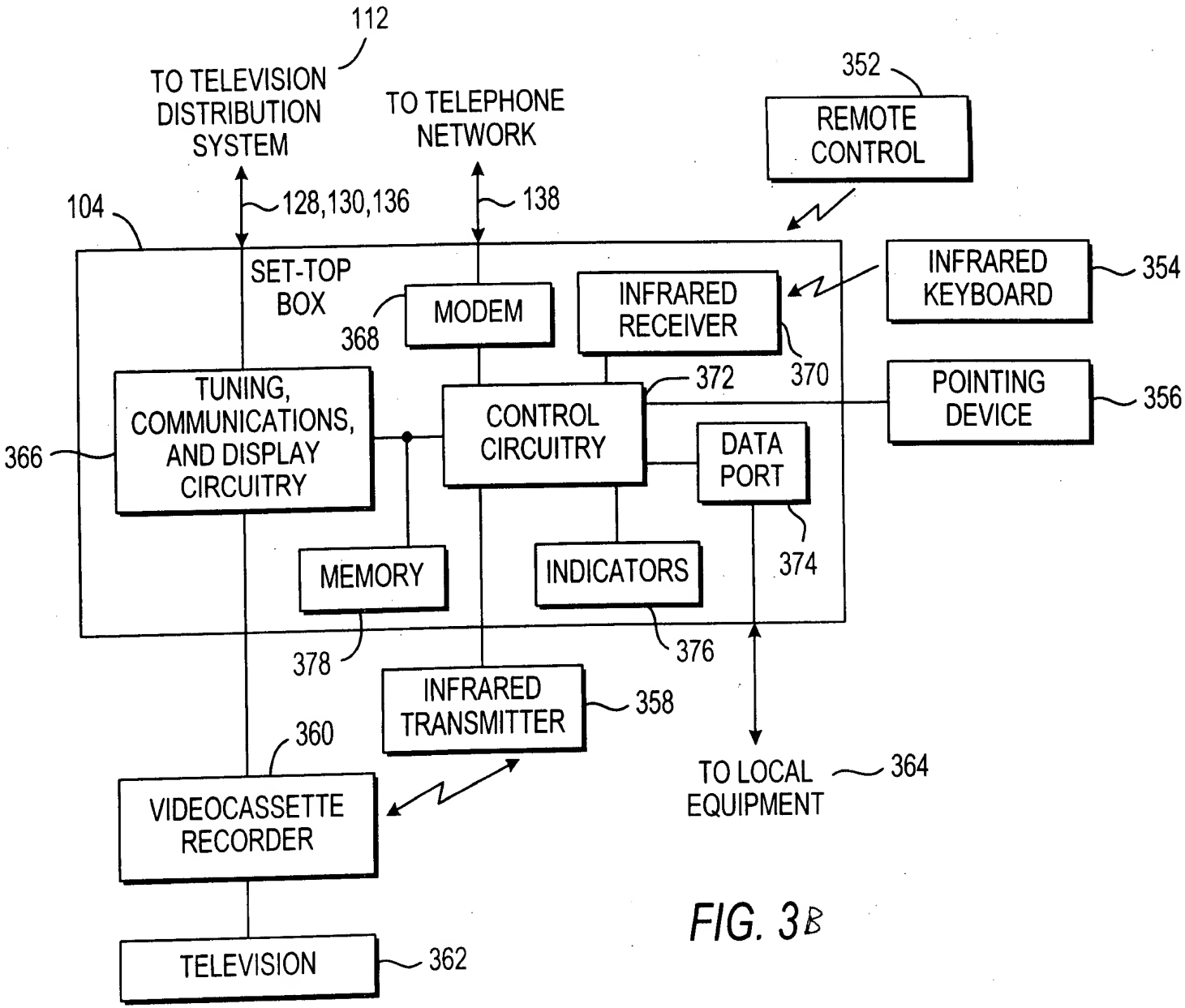

FIG. 3B

TOSHO" 60572860

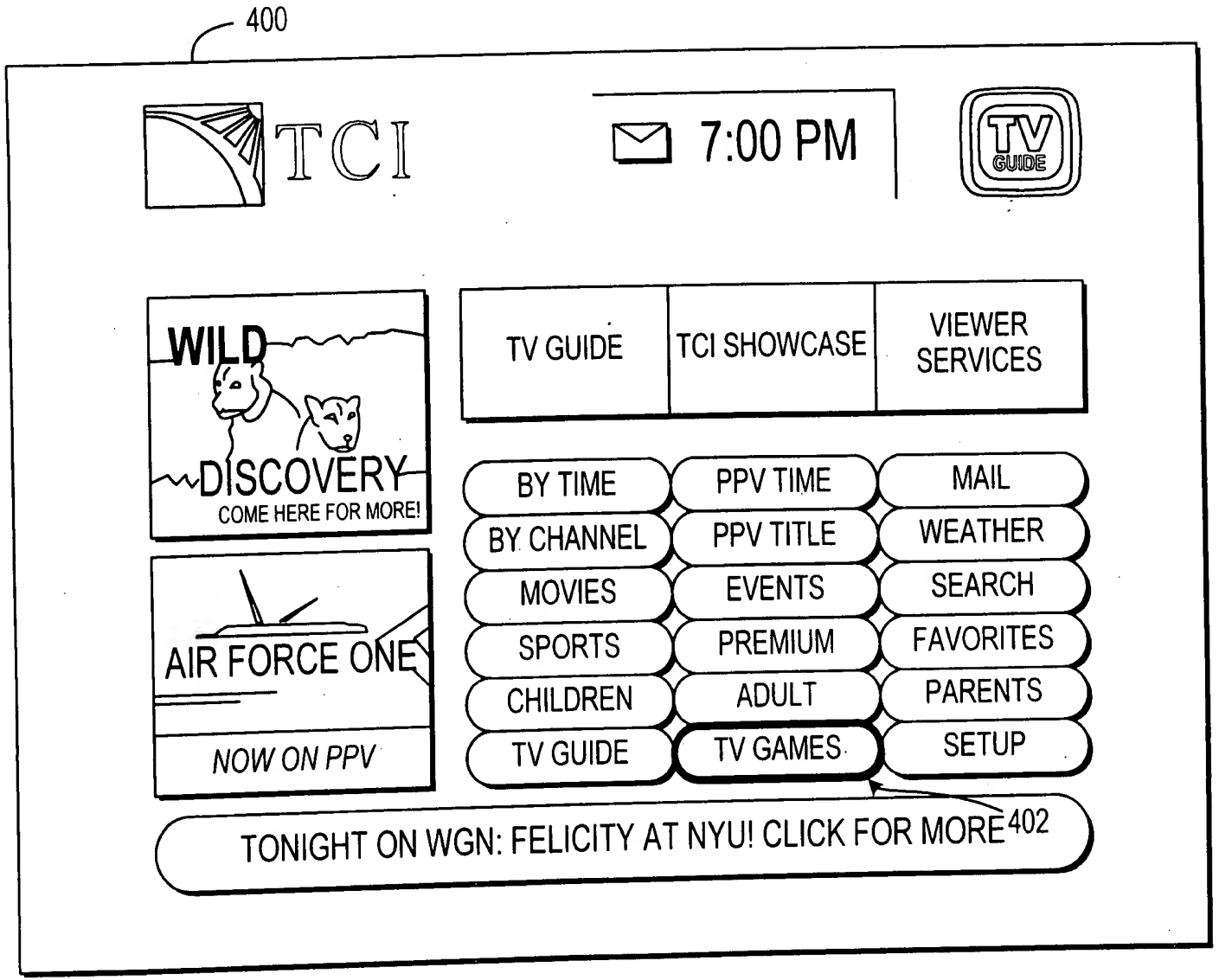

FIG. 4

TOSHO 6052860

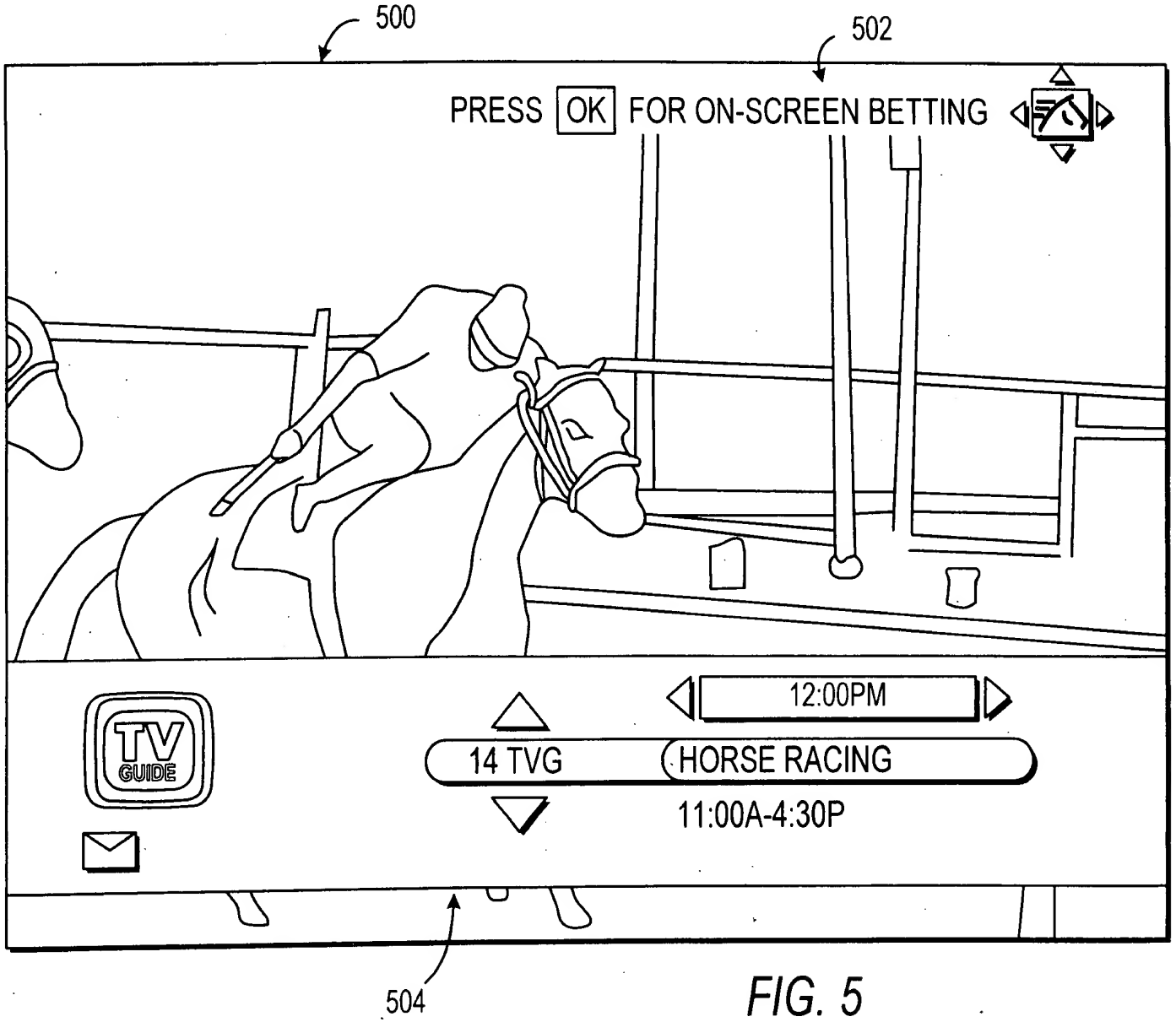

FIG. 5

TOSHO - 60526360

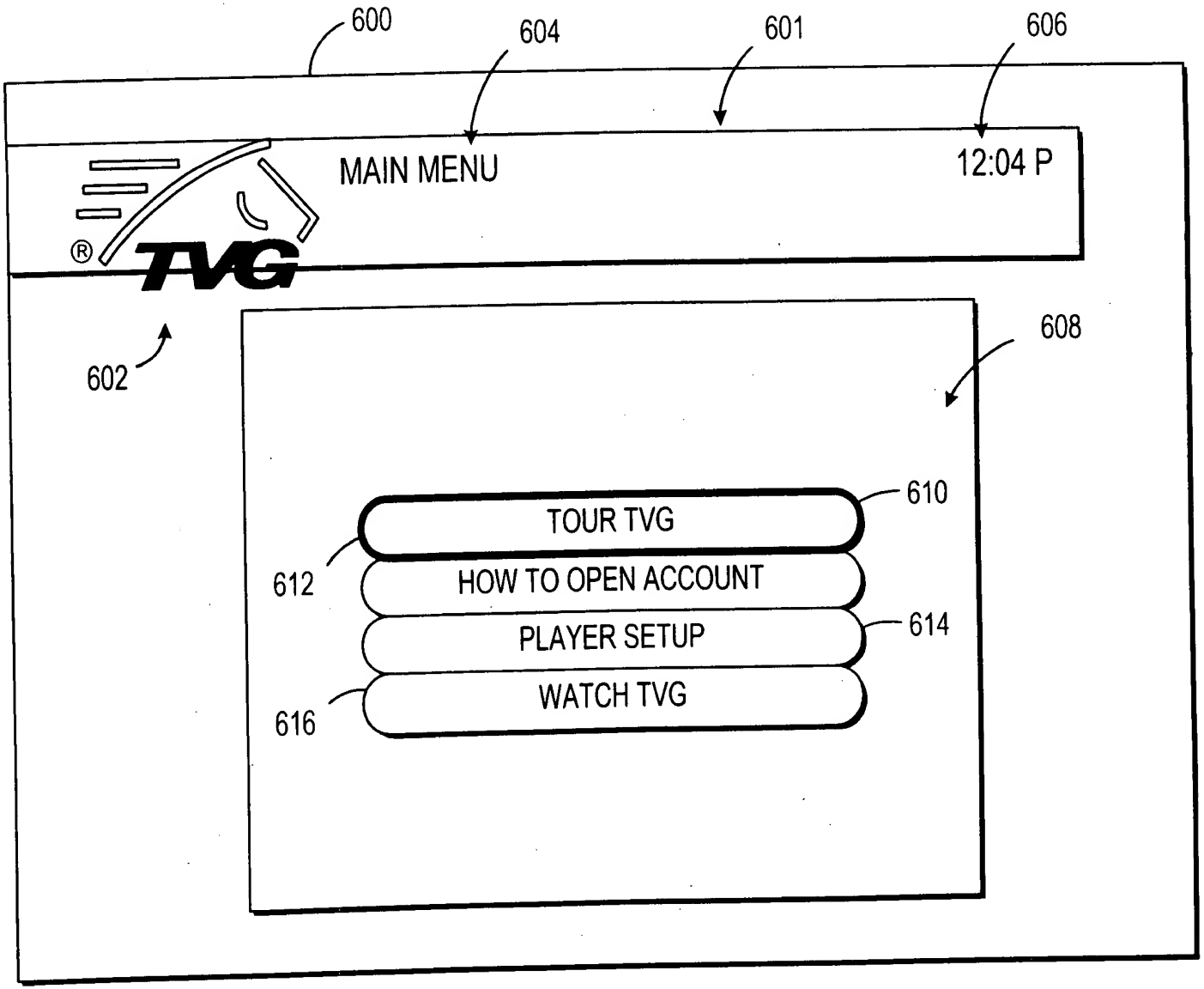

FIG. 6

FOSOHO"60S42860

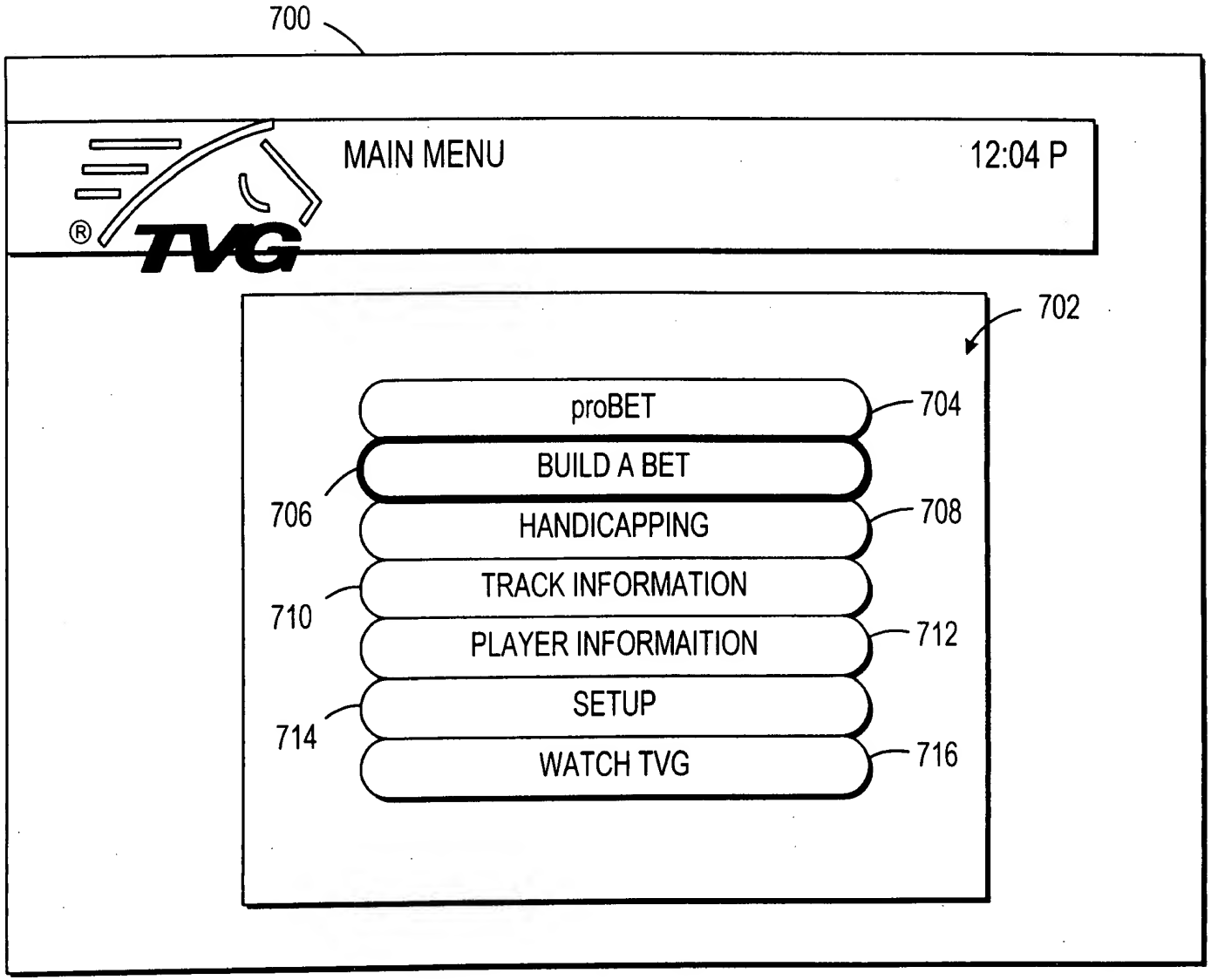

FIG. 7

US 6,056,640 A

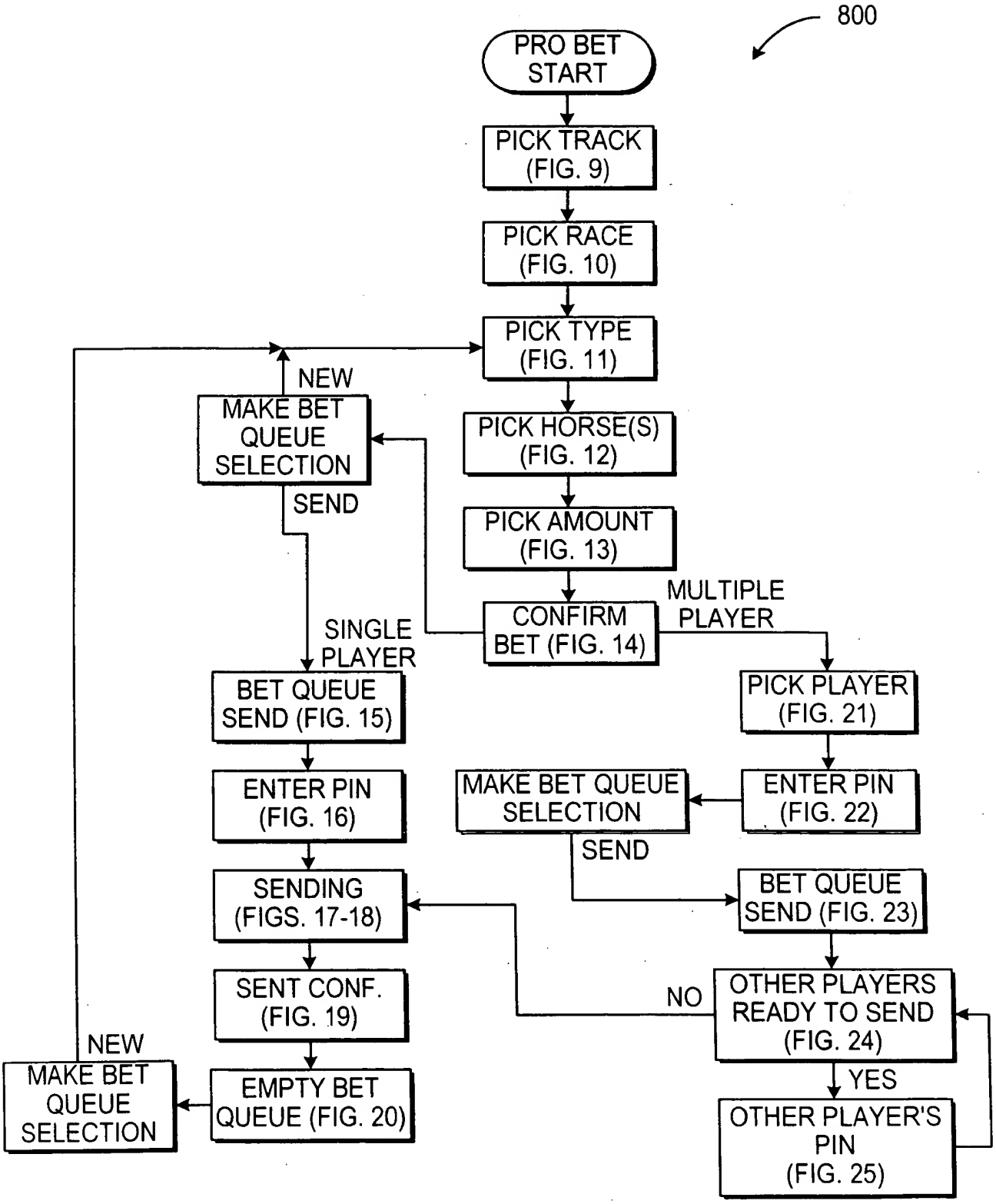

FIG. 8

TOSOHO "60572860

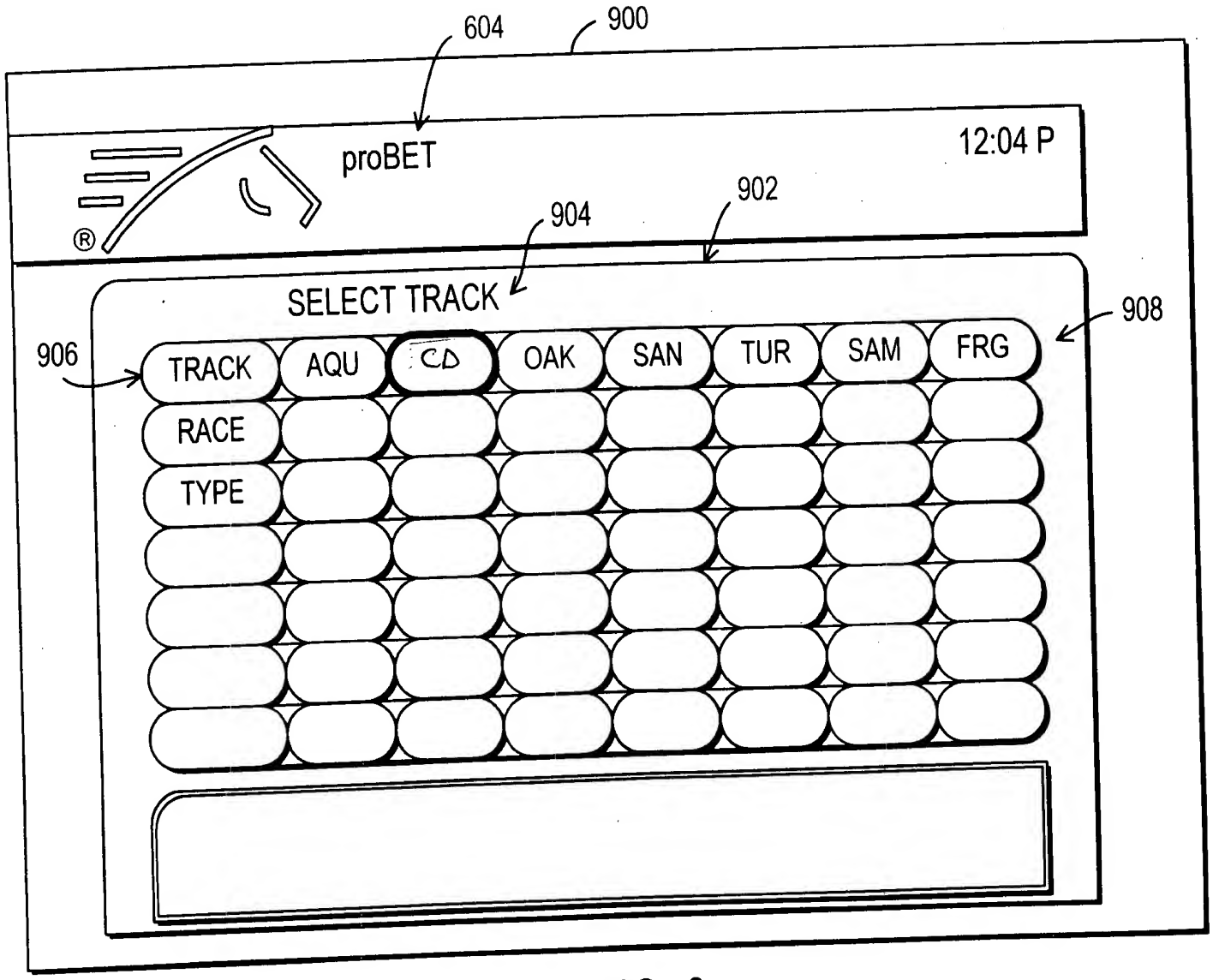

FIG. 9

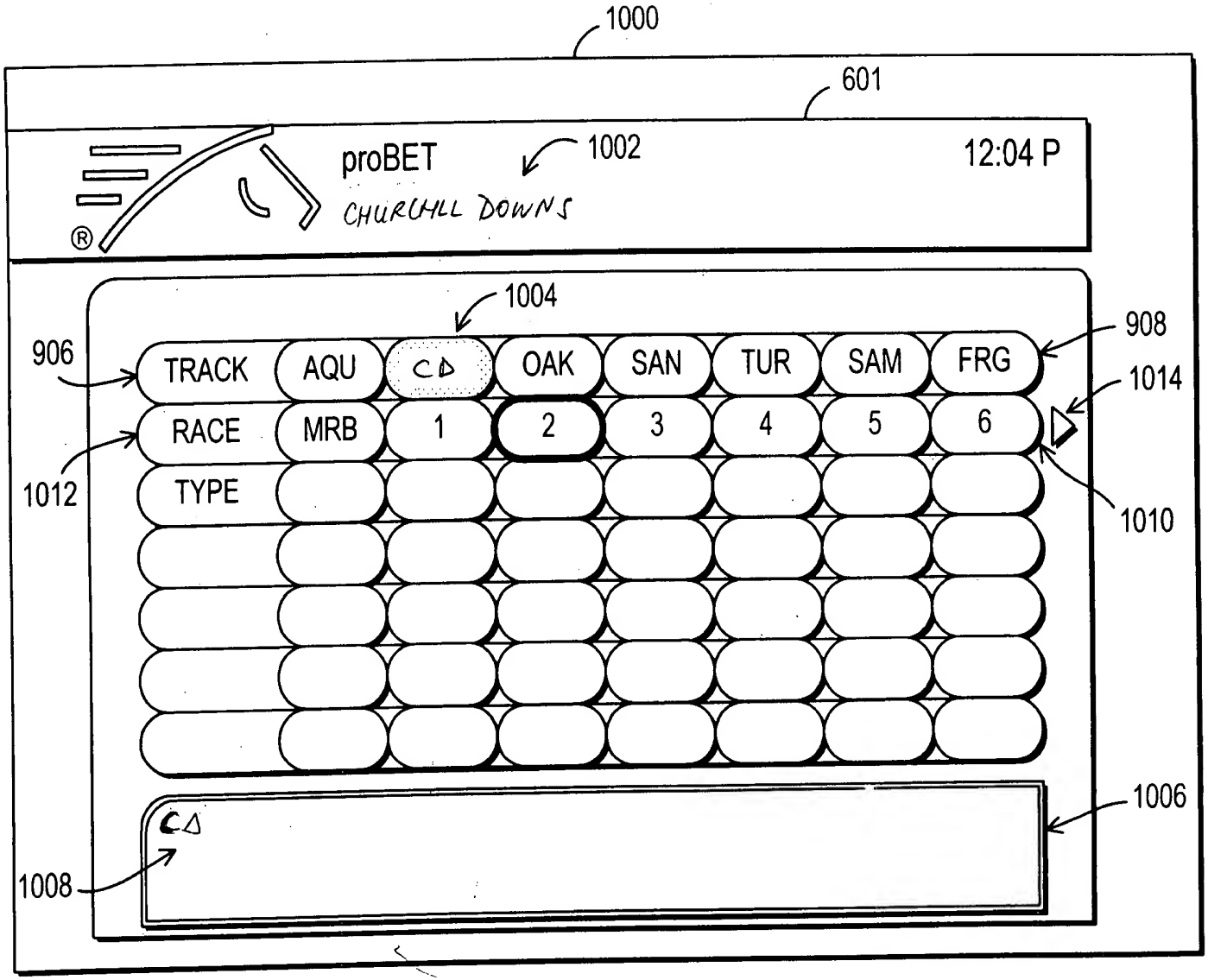
1000
601
proBET
1002
12:04 P
CHURCHILL DOWNS
1004
906
908
1014
TRACK
AQU
CD
OAK
SAN
TUR
SAM
FRG
RACE
MRB
1
2
3
4
5
6
1012
TYPE
1010
1006
1008

FIG. 10

TOSOHO" 60S23860

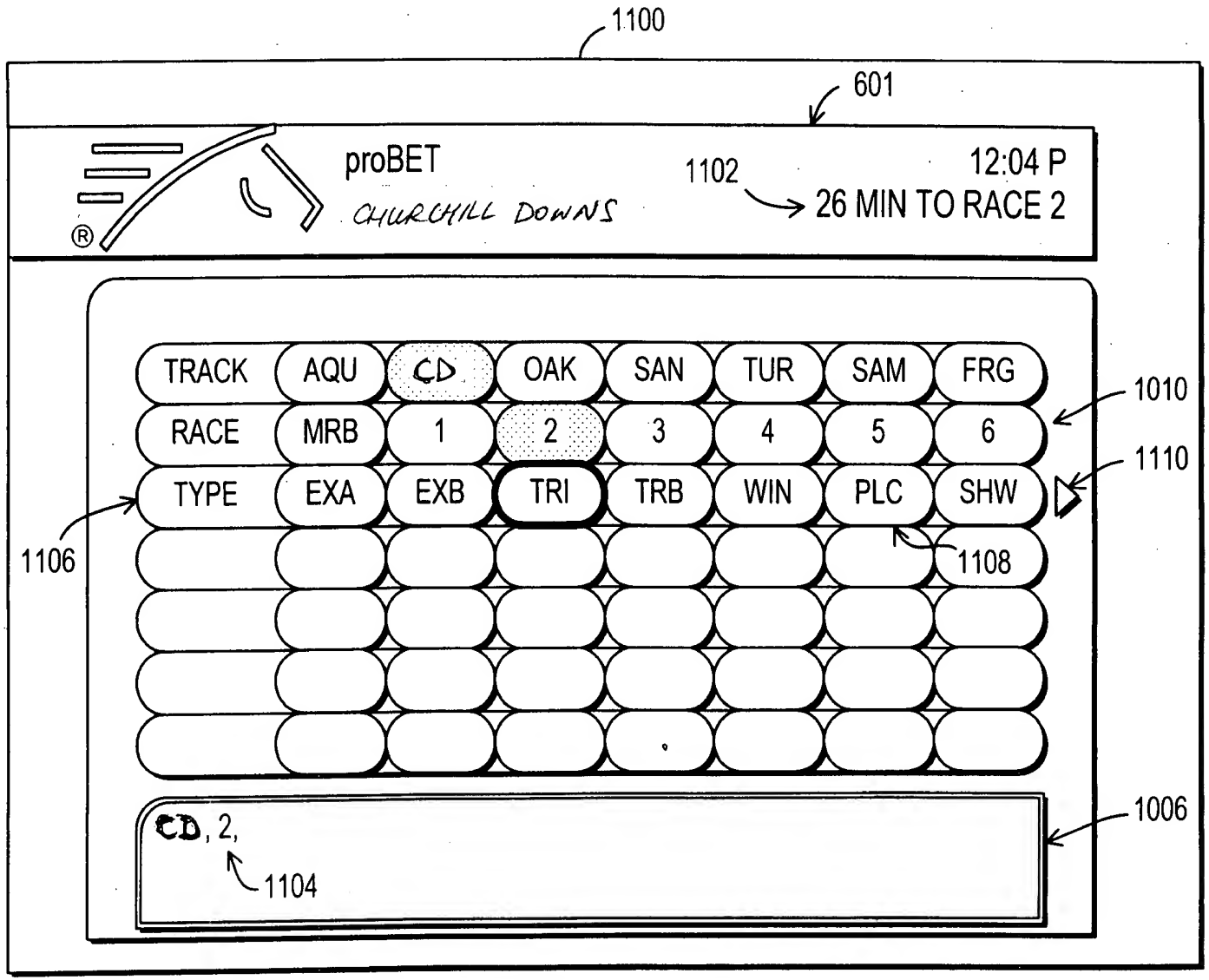

FIG. 11

FOSBHO 60526860

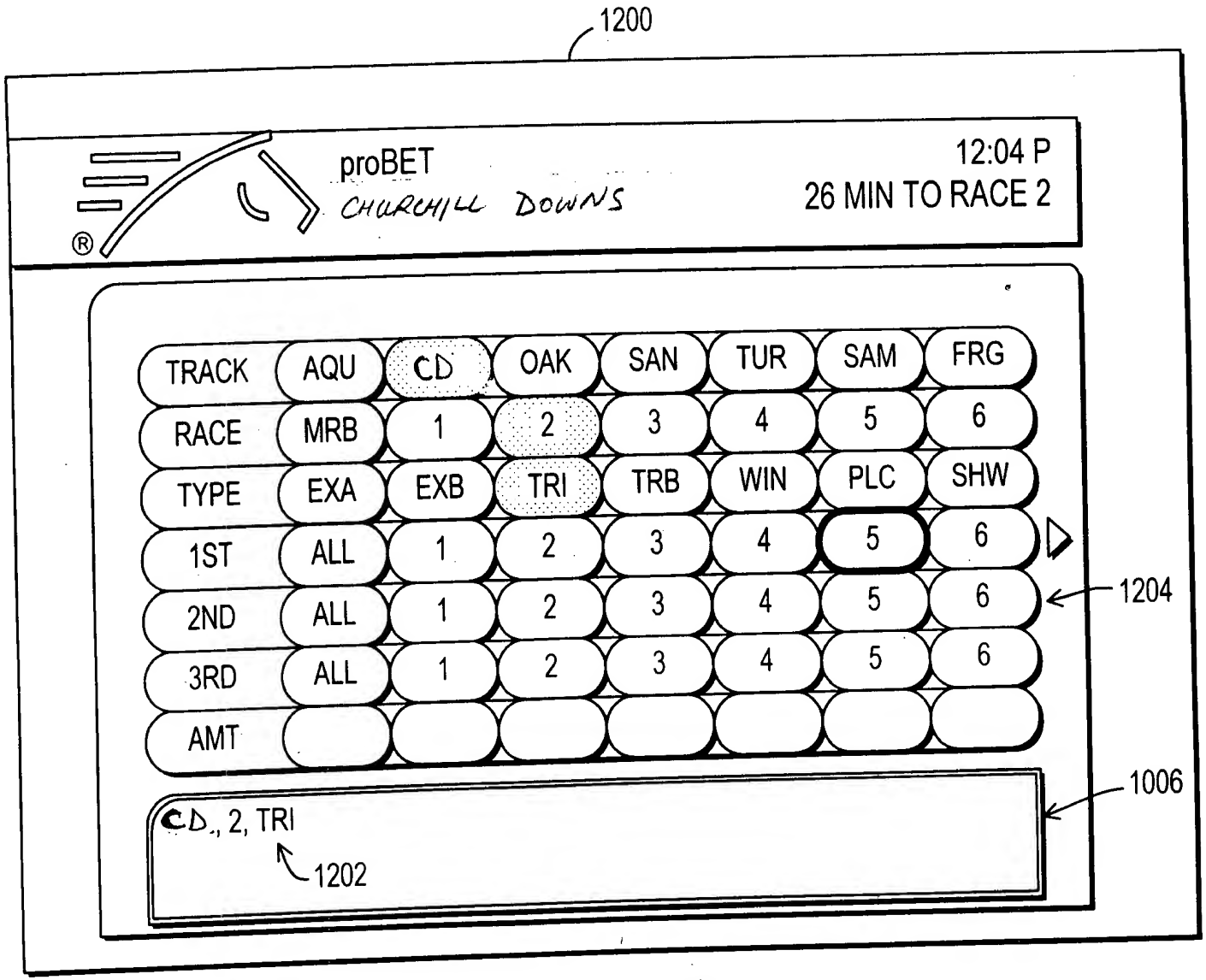

FIG. 12

TOSDH0 60S28860

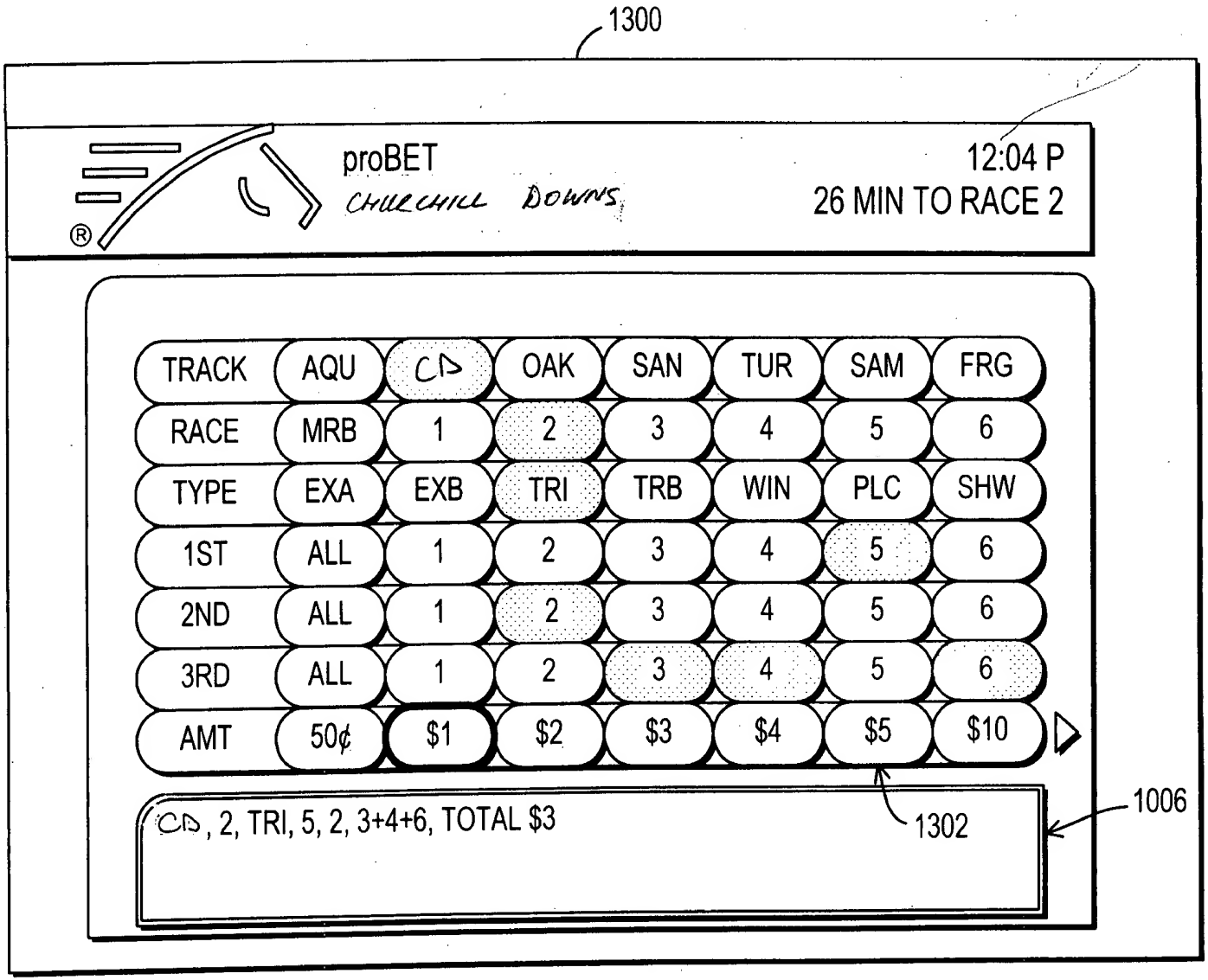

FIG. 13

TOSOHO 60526860

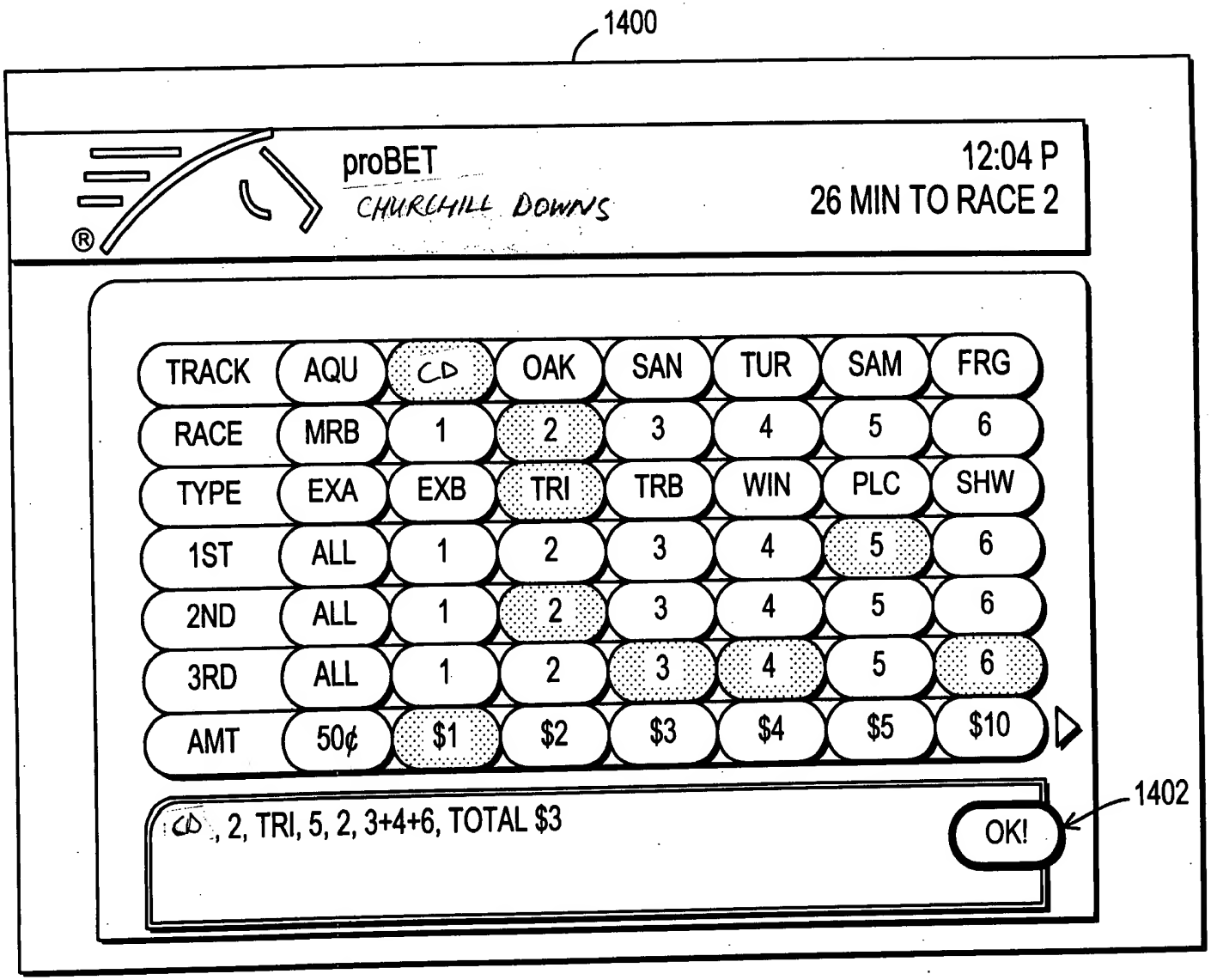

FIG. 14

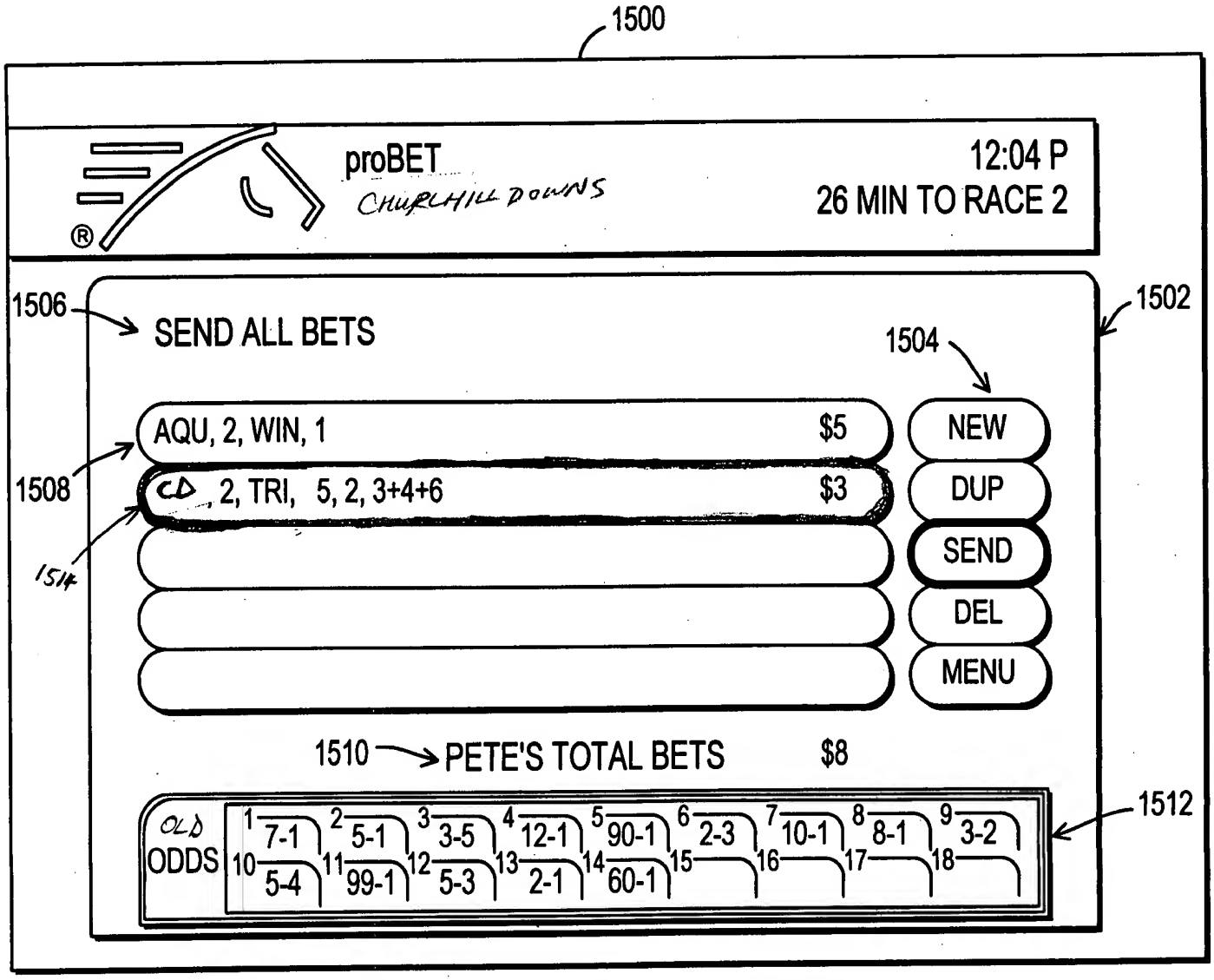
1500
proBET
CHURCHILL DOWNS
12:04 P
26 MIN TO RACE 2
1506
SEND ALL BETS
1502
1504
AQU, 2, WIN, 1 $5
CD, 2, TRI, 5, 2, 3+4+6 $3
1508
1514
NEW
DUP
SEND
DEL
MENU
1510
PETE'S TOTAL BETS $8
1512
OLD ODDS
1 7-1
2 5-1
3 3-5
4 12-1
5 90-1
6 2-3
7 10-1
8 8-1
9 3-2
10 5-4
11 99-1
12 5-3
13 2-1
14 60-1
15
16
17
18

FIG. 15

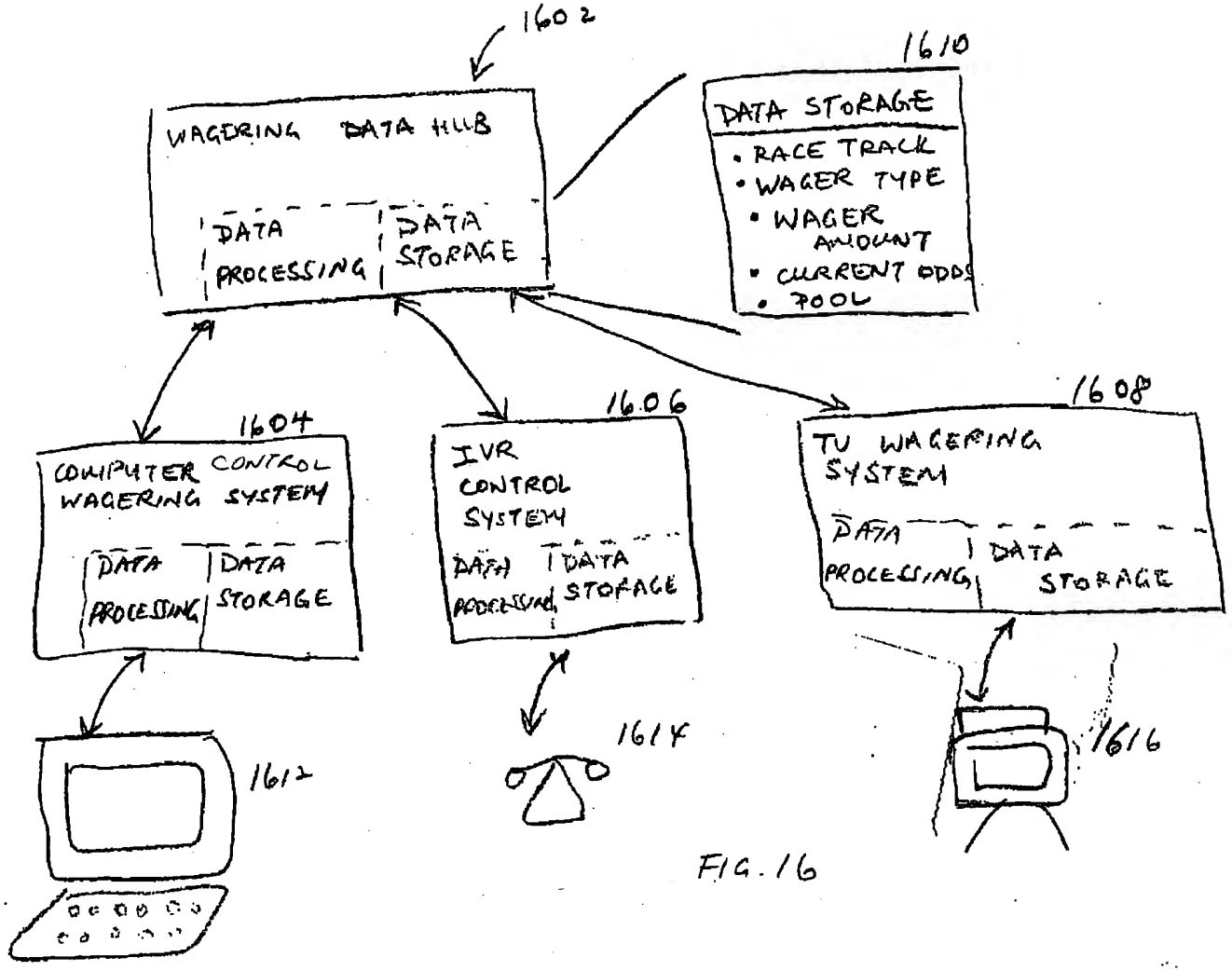
1602
WAGERING DATA HUB
DATA PROCESSING
DATA STORAGE
1610
DATA STORAGE
• RACE TRACK
• WAGER TYPE
• WAGER AMOUNT
• CURRENT ODDS
• POOL
1604
COMPUTER CONTROL WAGERING SYSTEM
DATA PROCESSING
DATA STORAGE
1606
IVR CONTROL SYSTEM
DATA PROCESSING
DATA STORAGE
1608
TU WAGERING SYSTEM
DATA PROCESSING
DATA STORAGE
1612
1614
1616

FIG. 16

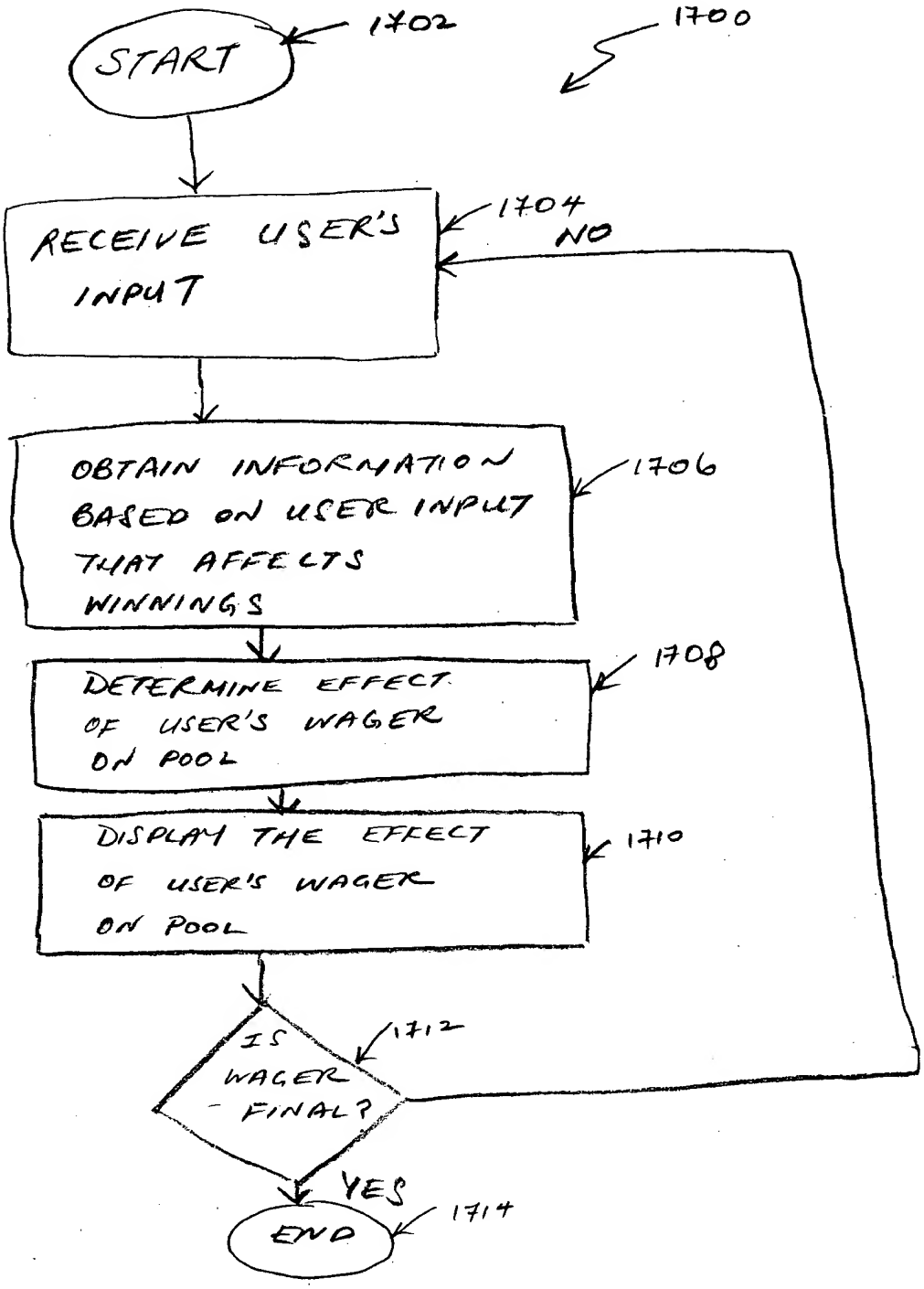
START
1702
1700
RECEIVE USER'S INPUT
1704
NO
OBTAIN INFORMATION BASED ON USER INPUT THAT AFFECTS WINNINGS
1706
DETERMINE EFFECT OF USER'S WAGER ON POOL
1708
DISPLAY THE EFFECT OF USER'S WAGER ON POOL
1710
IS WAGER FINAL?
1712
YES
END
1714

FIG. 17A

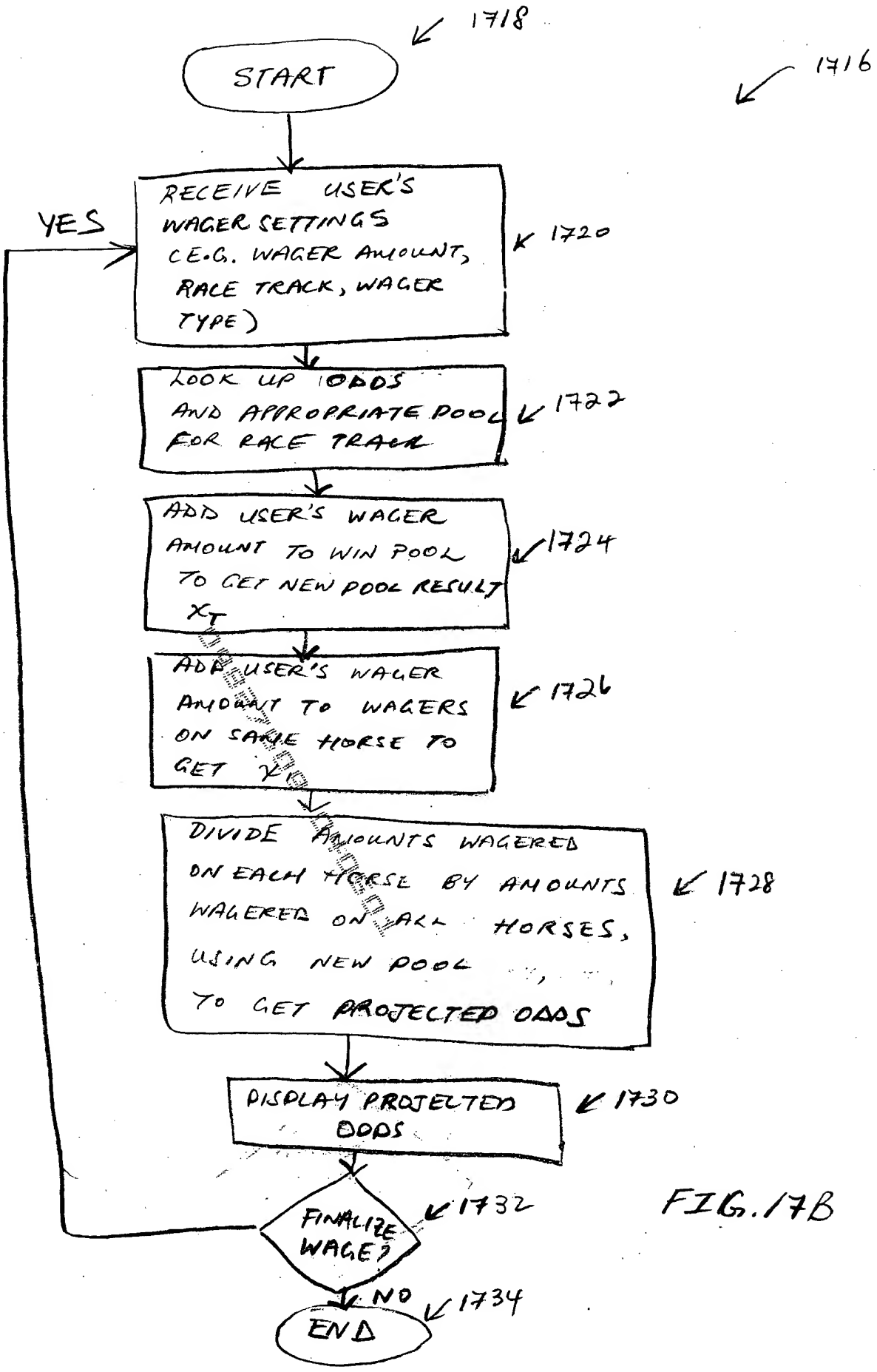
1718
START
1716
RECEIVE USER'S WAGER SETTINGS (E.G. WAGER AMOUNT, RACE TRACK, WAGER TYPE)
1720
YES
LOOK UP ODDS AND APPROPRIATE POOL FOR RACE TRACK
1722
ADD USER'S WAGER AMOUNT TO WIN POOL TO GET NEW POOL RESULT X_T
1724
ADD USER'S WAGER AMOUNT TO WAGERS ON SAME HORSE TO GET X_H
1726
DIVIDE AMOUNTS WAGERED ON EACH HORSE BY AMOUNTS WAGERED ON ALL HORSES, USING NEW POOL TO GET PROJECTED ODDS
1728
DISPLAY PROJECTED ODDS
1730
FINALIZE WAGE?
1732
NO
1734
END

FIG. 17B

TOSOHO 6052860

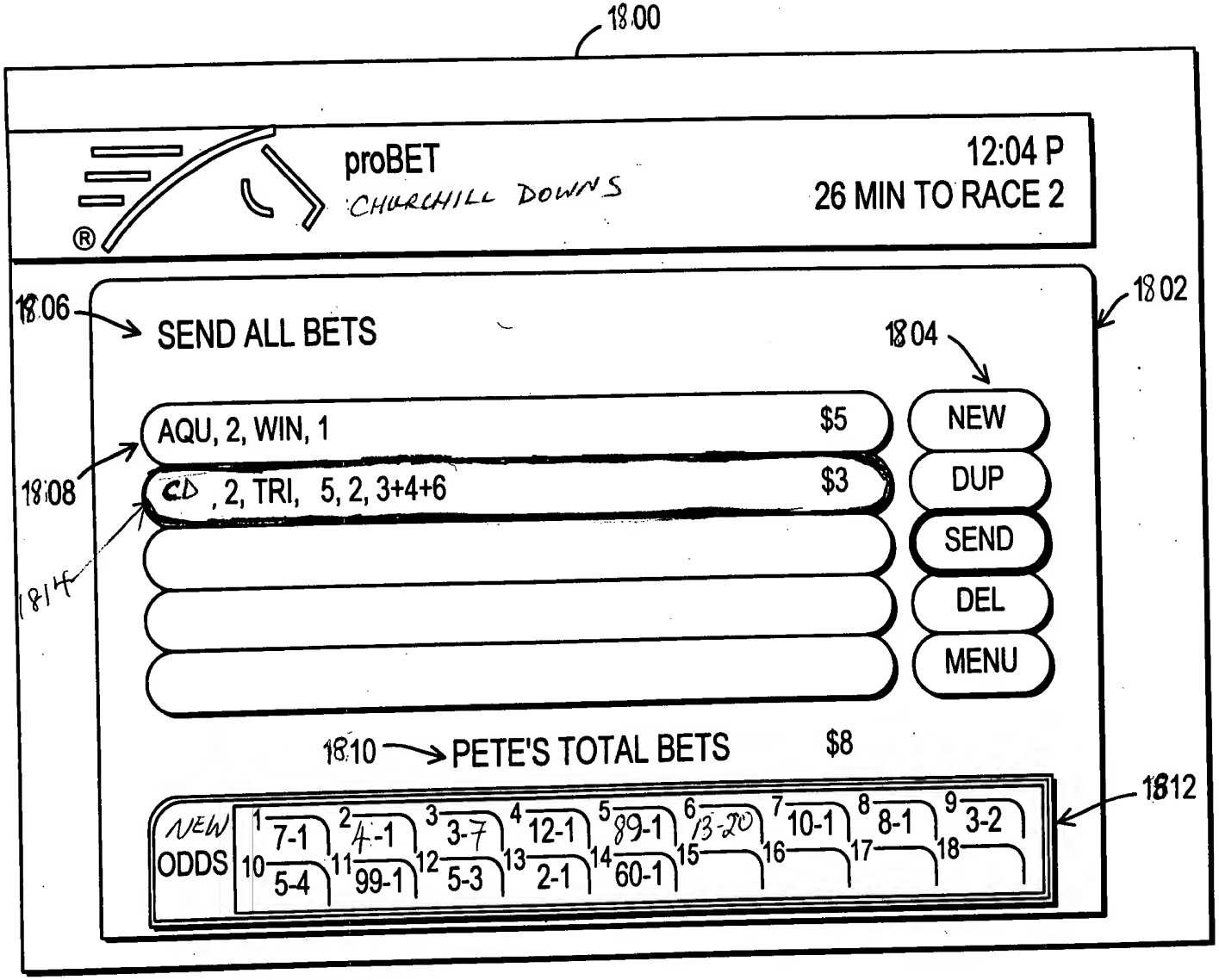

FIG. 18

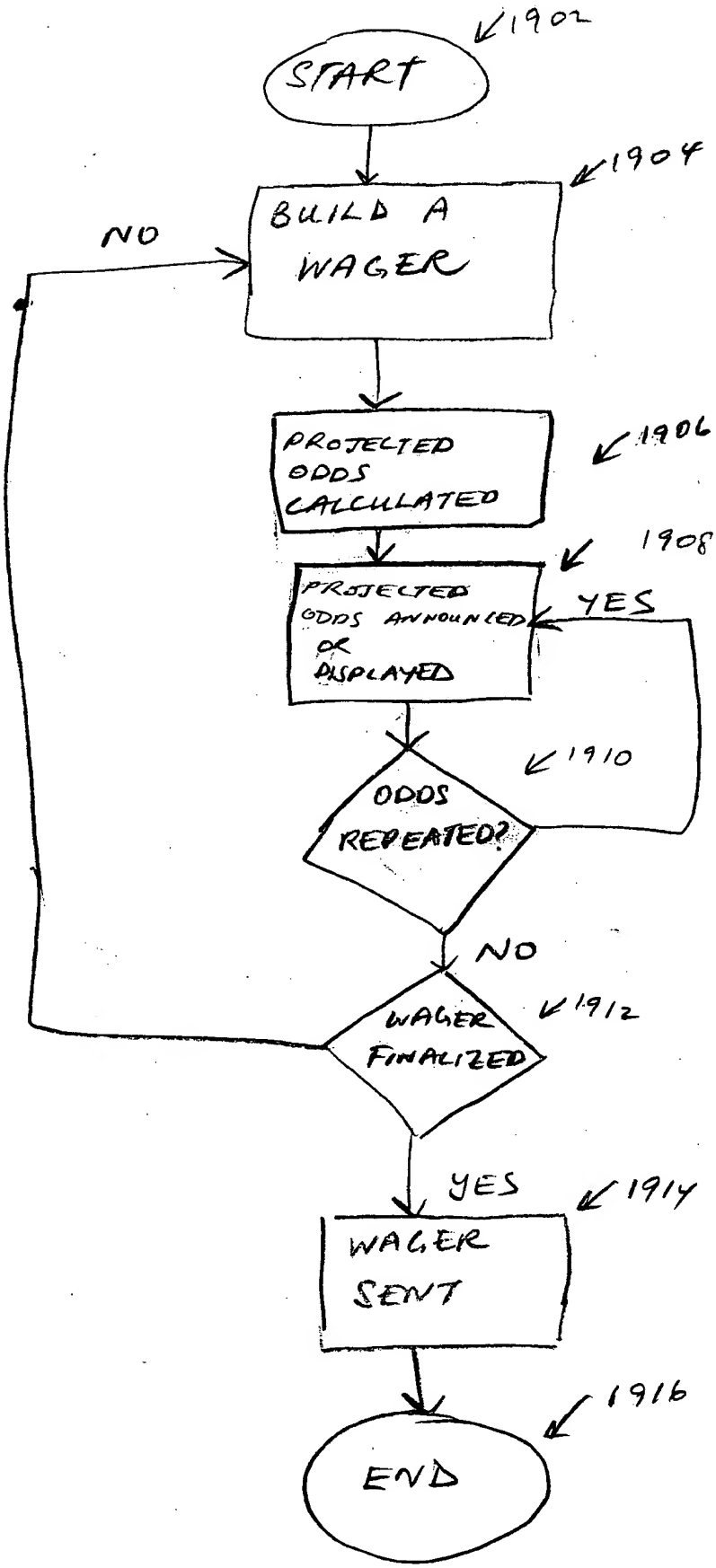
1902
START
1904
BUILD A WAGER
NO
1906
PROJECTED ODDS CALCULATED
1908
PROJECTED ODDS ANNOUNCED OR DISPLAYED
YES
1910
ODDS REPEATED?
NO
1912
WAGER FINALIZED
YES
1914
WAGER SENT
1916
END

FIG. 19